

## CLAIMS

What is claimed is:

- 1                   1.     A bearing assembly for a piston rod of a piston cylinder unit, said  
2 bearing assembly comprising:  
3                   a counter-bearing of a component to be carried by the piston rod, said  
4 counter bearing comprising a bearing flange having a top side and a bottom side;  
5                   a bearing body mounting for mounting on the piston rod, said mounting  
6 supporting said flange axially on both sides;  
7                   a slide bearing between said top side and said bearing body mounting;  
8                   a slide bearing between said bottom side and said bearing body mounting;  
9                   an axially movable backing disk carrying one of said slide bearings; and  
10                  a spring which preloads said slide bearings toward the bearing body  
11 mounting.
- 1                   2.     A bearing assembly as in claim 1 wherein said bearing body  
2 mounting comprises a sleeve section which defines a minimum distance between said  
3 slide bearings.
- 1                   3.     A bearing assembly as in claim 1 wherein said spring is arranged  
2 axially outside of said slide bearings.
- 1                   4.     A bearing assembly as in claim 1 wherein said spring is arranged  
2 axially inside of said slide bearings.

1                   5.       A bearing assembly as in claim 1 wherein said bearing body  
2 mounting comprises an upper bearing disk and a lower bearing disk, said slide bearing  
3 being arranged axially between said bearing disks.

1                   6.       A bearing assembly as in claim 5, wherein one of said bearing  
2 disks has a threaded sleeve section which engages a thread of the other bearing disk  
3 so that the relative axial position of the two bearing disks is adjustable.

1                   7.       A bearing assembly as in claim 1 further comprising a bearing body  
2 received radially inside of said bearing flange for centering said flange radially with  
3 respect to said piston rod.

1                   8.       A bearing assembly as in claim 7 wherein said bearing body is  
2 integrally formed with one of said slide bearings.

1                   9.       A bearing assembly as in claim 1 wherein said counter-bearing  
2 comprises an upper shell and a lower shell, which form respective upper and lower  
3 sides of said flange, and an elastomer body arranged between said shells, said  
4 elastomer body loading said sides axially toward said slide bearings.